

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/575,704A
Source: IFJP
Date Processed by STIC: 2/22/07

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 02/22/2007

PATENT APPLICATION: US/10/575,704A

TIME: 13:46:45

Input Set : E:\22337-Sequence Listing.txt

Output Set: N:\CRF4\02222007\J575704A.raw

3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing AML Subtypes with Different Gene
 6 Dosages
 8 <130> FILE REFERENCE: 22337-US
 10 <140> CURRENT APPLICATION NUMBER: US 10/575,704A
 C--> 11 <141> CURRENT FILING DATE: 2006-04-13
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012469
 14 <151> PRIOR FILING DATE: 2003-11-04
 16 <160> NUMBER OF SEQ ID NOS: 239
 18 <170> SOFTWARE: PatentIn version 3.4
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 491
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <223> OTHER INFORMATION: n = any nucleotide
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 33 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt 120
 35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga 180
 37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt 240
 39 ggtggcgggtg gaggaagtgg tggaatcggc tatccatacc ctctgtgcccc tgtttttctt 300
 41 ggccgtggta gttactcaaa cagaggggaac tacaacagag gtggaatgcc caacagaggg 360
 43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag 420
 45 ggctacaacc agtggcagca gggtaattc tggggtcaga agccatggag tcagcattat 480
 47 caccaaggat a 491
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 51 <211> LENGTH: 307
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Homo sapiens
 55 <400> SEQUENCE: 2
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 58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc 120
 60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca 180
 62 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg 240
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 66 gtcttca 307
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 70 <211> LENGTH: 519
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Homo sapiens
 74 <400> SEQUENCE: 3

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77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca      120
79 tgtgactggt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa      180
81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact      240
83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat      300
85 tactgtttta atgattcagt ttcttcagag tggtaatgtt ataaaattgc tattgcagct      360
87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt      420
89 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta      480
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95 <211> LENGTH: 140
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97 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 4
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102 tctattctct aaataatgat ggggctaagt tatacccaaa gtcacttta caaaatattt      120
104 cctcagtact ttgcagaaaa      140
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 425
109 <212> TYPE: DNA
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111 <400> SEQUENCE: 5
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115 cctttttatc tgatctgtga ttaaagcagt aatattttta gatggactgg gaaaaacatc      120
117 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgtctg      180
119 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga      240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccagggt gatgtttacc      300
123 gtgtgttata taacttcctg gtccttcac tgaacatgcc tagtccaaca ttttttccca      360
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138 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg      120
140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat      180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc      240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac      300
146 gctagatggg ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg      360
148 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga      420
150 actgaagcaa gaagttatca gtaccagcag caag      454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 7
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161 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga 120
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165 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggccctccc 240
167 tccctcaagc cagggctcct cctcctgtcg tgggtcatt tgccaggtc aggccaggtc 300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac 360
171 gtgaccactg gcc 373
174 <210> SEQ ID NO: 8
175 <211> LENGTH: 494
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177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 8
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182 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa 120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg 180
186 taatacghaa agccggaccc gggcgctgcc gagaccctc gggggctgca caccagcag 240
188 cagcgacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag 300
190 gaacctctct gaagtgcac ctcaccctta cacaccgtcc gttcaccccc gtctcttct 360
192 tctgcttttc ggtttttgga aaaccggat cctactctag gcagcccacc ttggtgggt 420
194 tgtttctga aacctgatg tactttttca tacatgagtc tgtccagagt gcttgctacc 480
196 gtgttcggag tctc 494
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200 <211> LENGTH: 434
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204 <400> SEQUENCE: 9
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207 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttctatc 120
209 catttgacac cgttcgccgc cgcgatgatg tgcagtcagg gcgcaaagga actgacatca 180
211 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt 240
213 ttttcaaggg tgcattgtcc aatgtttctca gaggcattgg tgggtgcttt gtgcttgtct 300
215 tgtatgatga aatcaagaag tacacataag ttatttctta ggatttttcc ccctgtgaac 360
217 aggcattgtg tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt 420
219 ttctcagtgg caac 434
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223 <211> LENGTH: 416
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 10
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230 tgcagggtct ctctctctct gtcttttgga gaaccagggc tcttctcagg ggctctaggg 120
232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa 180
234 aatagaaaaa gtggagtgg tgaatcggtt gttctttcct cacatttgga tgattgtcat 240
236 aaggttttta gcatgttctt ccttttcttc accctcccct ttgttcttct attaatcaag 300
238 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca 360
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244 <211> LENGTH: 415
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt gggtatggaa gcaacaaaaa      180
255 aacaaagcac atgctgcccc gtggcttccg gaagttcctg gtccacaacg tcaaggagct      240
257 ggaagtgtcg ctgatgtgca acaaacttta ctgtgccgag atcgctcaca atgtttcctc      300
259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc      360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc      415
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265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 12
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274 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat      180
276 acgcttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta      240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt      300
280 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg      360
282 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt      420
284 ttt      423
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 358
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 13
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297 atcggcgggac gccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct      180
299 gggtccttgg ctgggatgat gattactggt ctgtggaccc ctgggacagg gccatggctg      240
301 agctggctgc ctgaggagg gcagggccca cccatgtcac cggtcagtgc cttttggaac      300
303 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt      358
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307 <211> LENGTH: 529
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311 <400> SEQUENCE: 14
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316 aggggtgctg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc      180
318 agaaacttaa ctcttttgtt gcagatagtc atcagtggtc ctgtaaaaac gcagaggaaa      240
320 agagccagaa ggtttctgtt taatgcactt tgccttatct ttttttatta ctgtgtacaa      300
322 agattttttt acacaaagaa acttaagtct gtattaataa attcagtgtg tagcttcaat      360
324 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt tttttatatt      420
326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag      480
328 ttgatagatt atgtattctt ccatccctca aacttgcatt ccactatat      529
331 <210> SEQ ID NO: 15
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341 tatccgggtg cggctccacc ccttccacgt catccgcac aacaagatgt tgtcctgtgc      180
343 tggggctgac aggtccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt      240
345 gccagaggtt cacattggcc aagttatcat gtccatccgc accaagctgc aagaacaagga      300
347 gcatgtgatt gaggcctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca      360
349 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc      420
351 tgaaaagcgg ctcatccag atggctgtgg ggtcaagtac atccccagtc gtggccctct      480
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357 <211> LENGTH: 393
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359 <213> ORGANISM: Homo sapiens
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366 cggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac      180
368 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgata tgcagcggag      240
370 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg      300
372 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcggtgtgt agtgcctctg      360
374 aaacgtcagc gtgtatcagg aaacacttca cga      393
377 <210> SEQ ID NO: 17
378 <211> LENGTH: 496
379 <212> TYPE: DNA
380 <213> ORGANISM: Homo sapiens
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387 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt      180
389 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaaagt      240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc      300
393 cttatgtaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca      360
395 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaataca      420
397 agcctgaggc tgggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct      480
399 ctcttgaatt tggata      496
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403 <211> LENGTH: 534
404 <212> TYPE: DNA
405 <213> ORGANISM: Homo sapiens
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412 cctctaccaa ataccaaaag tcacagggtg tggcttcctt caaccttctt gctgtgtcat      180
414 ggaagatgaa ggcaccagag aaaaagccat tgggtgaagag agagaaacag gatgagacac      240
416 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccgggtgcag gccctcagcg      300
418 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca cccctcgggg      360
420 ctctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaatata aactgatac      420

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RAW SEQUENCE LISTING ERROR SUMMARY
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DATE: 02/22/2007
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PI

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389

Seq#:32; N Pos. 36

Seq#:33; N Pos. 105,112,127,141

Seq#:40; N Pos. 35

Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303

Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499

Seq#:72; N Pos. 37,177

Seq#:86; N Pos. 297,298

Seq#:96; N Pos. 321,322

Seq#:122; N Pos. 231

Seq#:124; N Pos. 287

Seq#:156; N Pos. 277

Seq#:160; N Pos. 76

Seq#:163; N Pos. 66

Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308

Seq#:191; N Pos. 182,475,514,515

Seq#:209; N Pos. 148

Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120

L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360

L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0

L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60

L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120

L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0

L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0

L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60

L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120

L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180

L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240

L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300

L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360

L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420

L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480

L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0

L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120

L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240

L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300

L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180

L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240

L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240

L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60

L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60

L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180

L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300

L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180

L:4511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420

L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480

L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120

L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0

L:5130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180

L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300

L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360